SSF

JOURNAL

of the

RUBBER RESEARCH INSTITUTE

of

MALAYA

COMMONWEALTH MYCOLOGICAL INSTITUTE
12 MAR 1979

VOLUME 24, PARTS 1 – 5, 1974-1976

Communications 574 – 601

Correct abbreviation for citing references, according to the World List of Scientific Periodicals:

J. Rubb. Res. Inst. Malaysia

Printed by Polygraphic Press Sdn Bhd, Kuala Lumpur

CONTENTS OF VOLUME 24

PART 1

	Communication	Page
Clonal Nursery Studies in *Hevea* III. Correlations between Yield, Structural Characters, Latex Constituents and Plugging Index. *R. Narayanan, C.Y. Ho and K.T. Chen*	574	1
Stem Galls of *Hevea brasiliensis*. *W.C. Lim*	575	15
Relative Efficiency of Simple Lattice Designs in Clone Trials in *Hevea*. *R. Narayanan, C.Y. Ho, S. Subramaniam and V. Jeyathevan*	576	26
Laboratory Errors of Soil Analysis. *S.K. Ng, G.C. Iyer and K. Ratnasingam*	577	39
Coagulation of *Hevea* Latex Using Steam. *C.K. John and S.W. Sin*	578	45
Estimation of Optimum Plot Size for Clone Trials in *Hevea*. *R. Narayanan*	579	54

PART 2

Variation in *Hevea brasiliensis* 1. Yield and Girth Data of the 1937 Hand Pollinated Seedlings. *B.H. Nga and S. Subramaniam* ..	580	69
Tapping Intensity and Response to Yield Stimulation. *P.R. Wycherley*	581	75
Latex Flow Studies IX. Effects of Application of Yield Stimulants on Rheology of *Hevea* Latex and on Concentrations of Charged Components in its Sera. *Esah Yip, W.A. Southorn and J.B. Gomez*	582	75
A Novel Method of Stabilising *Hevea* Latex. *C.K. John*	583	111
New Preservative Systems for Field Latex. *Cheong Sai Fah and Ong Chong Oon*	584	118

PART 3

Coagulation of *Hevea* Latex with Surfactant and Salt II. Batch-Wise Commercial Processing. *C.K. John*	585	125

	Communication	Page
A Rapid Titrimetric Method for the Estimation of Sodium Sulphite in Field Latex. *H.C. Chin*	586	131
Studies on Some Anticoagulants and Preservatives of *Hevea* Latex. *C.K. John*	587	137
Effect of Cover Management on Physical Properties of Rubber-growing Soils. *N.K. Soong and W.C. Yap*	588	145
Vicosity Stabilisation of Natural Rubber with Semicarbazide Hydrochloride. *Ong Chong Oon*	589	160
PART 4		
Tapping and Partition. *P.R. Wycherley*	590	169
Stability of Latex-Oil Emulsion Systems. *Cheong Sai Fah and Ong Chong Oon*	591	195
Role of Growth Promotor and Growth Inhibitor in Foliar Senescence and Abscission of *Hevea brasiliensis* Muell. Arg. *S.E. Chua*	592	202
Polyene Oxidation: The Oxidation of Squalene with Singlet Oxygen. *W.H. Leong, T.W. Sam and H.K. Toh*	593	215
Assisted Biological Coagulation of Latex Using Starch as a Supplementary Substrate. *C.S. Krishnaswamy*	594	220
'Coagulase' from the Fractionation of C-Serum of *Hevea* Latex. *C.H. Woo*	595	227
Lysozymes: Major Components of the Sedimentable Phase of *Hevea brasiliensis* Latex. *S.J. Tata, A.N. Boyce, B.L. Archer and B.G. Audley*	596	233
PART 5		
Analysis of Smallholders' Rubber Prices on the East Coast States of Peninsular Malaysia. *Abdullah bin Sapien*	597	237
Latex Vessel Plugging Indices and their Variations for Clones, Sites and Tapping Systems. *R. Narayanan and P.D. Abraham*	598	248

	Communication	Page
Microbiological Degradation of *Hevea* Latex and its Control. *C.K. John, M. Nadarajah and C.M. Lau*	599	261
Some Aspects of the Fully Soluble Efficient Vulcanisation (FSEV) System. *Chan Boon Lye*	600	272
Feeder Root Development of *Hevea brasiliensis* in Relation to Clones and Environment. *N.K. Soong*	601	283